L Number	Hits	Search Text	DB	Time stamp
- Number	5	("4757463" "5010551" "5652754" "6070253"	USPAT;	2003/07/03
		"6115656").pn.	US-PGPUB	15:03
_	8	intermittent with aberrant	USPAT;	2003/06/26
			US-PGPUB	15:02
l <u>-</u>	0	(intermittent with aberrant) and	USPAT;	2003/06/26
		monitor\$3 and (sens\$3 with	US-PGPUB	14:56
		characteristic)	00 10102	
l _	3 :	,	USPAT;	2003/06/26
		monitor\$3 and sens\$3 and calculat\$3	US-PGPUB	14:57
_	0	The state of the s	USPAT;	2003/06/26
		monitor\$3 and sens\$3 and calculat\$3) and	US-PGPUB	14:58
	1	stor\$3 and fault	OS FGFOD	14.50
1_	3		USPAT;	2003/06/26
		monitor\$3 and sens\$3 and calculat\$3) and	US-PGPUB	14:58
		stor\$3	OS TOTOB	14.50
l	2	i ·	USPAT;	2003/06/26
-		monitor\$3 and sens\$3 and calculat\$3) and	US-PGPUB	14:59
	!	stor\$3 and fail	03-FGF0B	14.59
l _	0	(aberrant with machine) and	USPAT;	2003/06/26
-		, ,	US-PGPUB	15:08
1	[(communication with data) and (service with personnel) and failure and (alert\$3	. US-FGPUB	13.00
1	ĺ			
1	0	or warn\$3)	IICDATE.	2002/06/26
-	0	(USPAT;	2003/06/26
		(communication with data) and (service	US-PGPUB	15:08
[with personnel) and failure	HCD2m.	2002/07/02
-	1	(aberrant with machine) and (service with	USPAT;	2003/07/02
		personnel) and failure	US-PGPUB	12:45
-	0	10/056495	USPAT;	2003/06/26
l .			US-PGPUB	15:23
-	11	aberrant with machine	USPAT;	2003/07/02
	_ '		US-PGPUB	12:50
-	7	("5887216" "5511183" "5214595" "5043655"	USPAT;	2003/06/26
	_ !	"5027285" "4751653" "4728885").pn.	US-PGPUB	16:04
-	1	5887216.pn.	USPAT;	2003/07/02
			US-PGPUB	12:45
- ,	1	5053815.pn.	USPAT;	2003/07/02
			US-PGPUB	12:58
-	0		USPAT;	2003/07/02
		calculat\$4)) and (stor\$3 with data with	US-PGPUB	13:10
	ļ	calculat\$4) and (indicat\$4 with (fault		
		or fail\$3))		
-	3	' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' '	USPAT;	2003/07/02
		calculat\$4)) and (stor\$3 with data with	US-PGPUB	14:56
1	1	calculat\$4) and (indicat\$4 with (fault		·
[or fail\$3))		0000/00/00
-	- 0	(real with time with statiscal with	USPAT;	2003/07/02
1	1	calculat\$4) and stor\$3 and (indicat\$4	US-PGPUB	14:57
	_	with (fault or fail\$3))		0000/07/0
-	9	(===== ::==== ::==== ::==== ::==== ::====	USPAT;	2003/07/04
	1	calculat\$4) and stor\$3 and (indicat\$4	US-PGPUB	16:30
	1	with (fault or fail\$3))		
-	0		USPAT;	2003/07/02
[1	calculat\$4) and stor\$3 and (indicat\$4	US-PGPUB	15:05
1	1	with (fault or fail\$3))) and encode\$3		.
		and timing		, _ <i>,</i> _ ,
] -	0	((real with time with statistical with	USPAT;	2003/07/02
[1	calculat\$4) and stor\$3 and (indicat\$4	US-PGPUB	15:05
1		with (fault or fail\$3))) and encode\$3		
-	0		USPAT;	2003/07/02
		calculat\$4) and (pulse with width with	US-PGPUB	15:29
		modulation)		
-	26	(real with time) and (statistical with	USPAT;	2003/07/02
		calculat\$4) and (pulse with width with	US-PGPUB	15:16
		modulation)		
-	5	((real with time) and (statistical with	USPAT;	2003/07/02
		calculat\$4) and (pulse with width with	US-PGPUB	15:17
		modulation)) and (fault with detect\$3)		

		. 		
	· 5	(((real with time) and (statistical with	USPAT;	2003/07/04
			· ·	
		calculat\$4) and (pulse with width with	US-PGPUB	14:38
		modulation)) and (fault with detect\$3))		
		and sensor		İ
	_		WODAM.	2002/07/02
-	0	(("4757463" "5010551" "5652754" "6070253"	USPAT;	2003/07/02
		"6115656").pn.) and calculat\$3 and	US-PGPUB	15:27
j		statistical and stor\$3 and (fault or		
1				•
		fail\$3) and code		
-	0	(("4757463" "5010551" "5652754" "6070253"	USPAT;	2003/07/02
1		"6115656").pn.) and calculat\$3 and	US-PGPUB	15:27
	,		00 10102	10,12,
1		statistical and stor\$3 and (fault or		
l		fail\$3)		
-	2	702/\$.ccls. and (real with time with	USPAT;	2003/07/03
'	_	statistical with calculat\$4) and	US-PGPUB	16:04
1			OD FOLOD	10.04
j		((fail\$3 or fault) with detect\$3)		
l –	1	(702/\$.ccls. and (real with time with	USPAT;	2003/07/03
ļ	_	statistical with calculat\$4) and	US-PGPUB	18:08
i			03 FGF0D	10.00
1		((fail\$3 or fault) with detect\$3)) and		
'		sens\$3 and stor\$3		
! _	16	("3710302" "4066960" "4371908"	USPAT	2003/07/03
1 -	. ₁₀		22171	
		"4720802" "4783748" "5463749"	l .	14:50
		"5561610" "5619014" "5650936"		l
		"5682888" "5736847" "5902934"		·
				1
1		"6014465" "6182022" "6185508"		l l
		"6256594").PN.		
_	1	(("3710302" "4066960" "4371908"	USPAT;	2003/07/03
	1			
į		"4720802" "4783748" "5463749"	US-PGPUB	14:51
		"5561610" "5619014" "5650936"		
1		"5682888" "5736847" "5902934"		
		"6014465" "6182022" "6185508"		
		"6256594").PN.) and encode\$2 and timing		
1 _	1	(("4757463" "5010551" "5652754" "6070253"	USPAT;	2003/07/03
	-		US-PGPUB	15:18
i		"6115656").pn.) and encode\$2 and (timing	US-PGPUB	15:10
1		or clock)		
l -	0	(("4757463" "5010551" "5652754" "6070253"	USPAT;	2003/07/03
1		"6115656").pn.) and encoder	US-PGPUB	15:18
	_			
-	1	(("4757463" "5010551" "5652754" "6070253"	USPAT;	2003/07/03
i		"6115656").pn.) and encod\$2	US-PGPUB	15:18
	0	(real with time with statistical with	USPAT;	2003/07/03
	1			
	1	calculat\$4) and ((fail\$3 or fault) with	US-PGPUB	16:05
		detect\$3) and encoder and clock		
l _	12	(statistical with calculat\$4) and	USPAT;	2.003/07/04
	12			, · - · ·
		((fail\$3 or fault) with detect\$3) and	US-PGPUB	13:44
		encoder and clock		j l
_	. 5		USPAT;	2003/07/03
1	'			17:27
,		((fail\$3 or fault) with detect\$3) and	US-PGPUB	11:21
		encoder and clock) and sensor]
l -	48	((fail\$3 or fault) with detect\$3) and	USPAT;	2003/07/03
1	•	(sens\$3 with characteristic) and (encoder	US-PGPUB	17:32
1			03 FGF0D	11.36
		with timing)		
-	6	(((fail\$3 or fault) with detect\$3) and	USPAT;	2003/07/03
1	.	(sens\$3 with characteristic) and (encoder	US-PGPUB	17:32
			US-FGFUB	17.32
		with timing)) and servo]
-	5	((((fail\$3 or fault) with detect\$3) and	USPAT;	2003/07/03
·		(sens\$3 with characteristic) and (encoder	US-PGPUB	17:33
			OD LOFOR	1,.55
	•	with timing)) and servo) and tolerance		
-	0	((serial adj control adj bus) with	USPAT;	2003/07/03
	'	retrieve with data)	US-PGPUB	18:12
1	122	1		I
_	130	serial adj control adj bus	USPAT;	2003/07/03
1			US-PGPUB	18:16
l -	7	(serial adj control adj bus) and	USPAT;	2003/07/03
1	· '	/wateriarra with data	· ·	1
		(retrieve with data)	US-PGPUB	18:13
-	4	(serial adj control adj bus) and	USPAT;	2003/07/.03
		((fail\$3 or fault) with detect\$3) and	US-PGPUB	18:17
				'- '
		encoder		1 0000 (00 (0)
-	1	(statistical with calculat\$4) and	USPAT;	2003/07/04
1		((fail\$3 or fault) with detect\$3) and	US-PGPUB	14:28
1		encoder and clock and (data with point		
				1
		with range)	<u> </u>	<u> </u>

	•			
-	5280	(communicat\$3 with data) and remote\$3	USPAT;	2003/07/04
		and (failure or fail) and alert\$3 and	US-PGPUB	14:44
		(user or personnel)	05 10102	
	1005	(user or personner)	*********	2002/07/04
_	1065	((communicat\$3 with data) and remote\$3	USPAT;	2003/07/04
		and (failure or fail) and alert\$3 and	US-PGPUB	14:33
		(user or personnel)) and (machine with		
		operat\$3)		
	l 0	(((communicat\$3 with data) and remote\$3	USPAT;	2003/07/04
-	"			
	-	and (failure or fail) and alert\$3 and	US-PGPUB	14:34
		(user or personnel)) and (machine with		
		operat\$3)) and (aberrant with machine)	,	
· _	24	(((communicat\$3 with data) and remote\$3	USPAT;	2003/07/04
_	24		· ·	1
ŀ		and (failure or fail) and alert\$3 and	US-PGPUB	14:34
	†	(user or personnel)) and (machine with		
		operat\$3)) and (motor with encoder)		,
l _	24		USPAT;	2003/07/04
		and (failure or fail) and alert\$3 and	US-PGPUB	14:35
			US-PGPUB	14:35
		(user or personnel)) and (machine with		
		operat\$3)) and (motor with encoder)) and		
		sensor		
l _	13	(((((communicat\$3 with data) and	USPAT;	2003/07/04
1 -	13			
		remote\$3 and (failure or fail) and	US-PGPUB	14:38
		alert\$3 and (user or personnel)) and		
		(machine with operat\$3)) and (motor with		
		encoder)) and sensor) and (power with		
		supply) and voltage		
-	6		USPAT;	2003/07/04
		remote\$3 and (failure or fail) and	US-PGPUB	14:56
		alert\$3 and (user or personnel)) and		
		(machine with operat\$3)) and (motor with		
		encoder)) and sensor) and (power with		
		supply) and voltage) and (timing with		
		function)) and (pulse with width with		
		modulation)		
	_	- · · · · · · · · · · · · · · · · · ·		2002/07/04
-	.0	(communicat\$3 with data) same (machine	USPAT;	2003/07/04
		with operat\$3) same (use or personnel)	US-PGPUB	14:46
		same (alert\$3 with user)		
<u> </u>	3	(communicat\$3 with data) same (machine	USPAT;	2003/07/04
			US-PGPUB	14:47
		with operat\$3) same (user or personnel)	03-PGP0B	14:4/
	ļ	same alert\$3		
- ,	23	alert\$3 same user same (value or	USPAT;	2003/07/04
		threshold) same reach\$2 same (failure or	US-PGPUB	15:42
	İ	fault)		
	_	· · · · · · · ·	USPAT;	2003/07/04
	0	(alert\$3 same user same (value or		
		threshold) same reach\$2 same (failure or	US-PGPUB	14:59
		fault)) and (communication with data) and		
		(machine with operat\$3)		
_	2	(alert\$3 same user same (value or	USPAT;	2003/07/04
1 -	2	(arerola) same user same (value of		1
		threshold) same reach\$2 same (failure or	US-PGPUB	15:00
		fault)) and (communication with data) and		
		machine and operat\$3	l	
_	l o	l • · · · · · · · · · · · · · · · · · ·	USPAT;	2003/07/04
	ı			15:48
	ļ ·	threshold) same reach\$2 same (failure or	US-PGPUB	12.40
		fault)) and (motor with encoder)		
-	7	(alert\$3 same user same (value or	USPAT;	2003/07/04
		threshold) same reach\$2 same (failure or	US-PGPUB	15:48
		fault)) and (power with supply) and		
		voltage		
-	7	((((((communicat\$3 with data) and	USPAT;	2003/07/04
1		remote\$3 and (failure or fail) and	US-PGPUB	16:54
		alert\$3 and (user or personnel)) and	I	
		(machine with operat\$3)) and (motor with		
		encoder)) and sensor) and (power with		
		supply) and voltage) and (timing with		
		function)	·	
1_	62	l ·	USPAT;	2003/07/04 .
-	62			
		detect\$3) and (timing with function) and	US-PGPUB	17:00
		(motor with encoder)		

		_		
-	0	(((fail or failure or fault) with	USPAT;	2003/07/04
		detect\$3) and (timing with function) and	US-PGPUB	16:56
	1	(motor with encoder)) and (comunication		
		with data)		
-	0	(((fail or failure or fault) with	USPAT;	2003/07/04
1		detect\$3) and (timing with function) and	US-PGPUB	16:57
		(motor with encoder)) and comunication		
1		and alert\$3		
-	11	, , , = ===	USPAT;	2003/07/04
		detect\$3) and (timing with function) and	US-PGPUB	16:57
		(motor with encoder)) and communication		
	1.7	and alert\$3	IICDAM.	2003/07/04
-	17	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	USPAT;	2003/07/04
· ·		detect\$3) and (timing with function) and	US-PGPUB	17:25
		(motor with encoder) and (pulse with width with modulation)		
	,	(((fail or failure or fault) with	USPAT;	2003/07/04
-		(((lall of lallure of lault) with detect\$3) and (timing with function) and	US-PGPUB	17:55
		(motor with encoder) and (pulse with	OS FGFOB	17.55
		width with modulation)) and ((product\$3		·
		or record\$3 or monitor\$3) same(pulse with		i i
		width with modulation))		
_	783		USPAT;	2003/07/04
	1 ,03		US-PGPUB	17:55
_	1	servo adj3 require adj3 tolerance	USPAT;	2003/07/04
[-		US-PGPUB	17:56
	i	I		L